

ABSTRACT OF THE DISCLOSURE

A wireless transmission apparatus comprises a wired network port for exchanging data with a computer, a wireless network port including a radio frequency circuit module, a processing unit for converting the format of the data transmitted between the wired network port and the wireless network port, and a power port electrically connected to a universal series bus (USB) port of the computer by which the wireless transmission apparatus is powered. The wireless transmission apparatus can further comprise a power controller electrically connected to the power port, wherein the power controller comprises a voltage transformer adapted to convert a voltage of the power port into a voltage suitable for the operation of the wireless transmission apparatus and a power-saving controller adapted to suspend the power supply to the radio frequency circuit module according to a power control signal generated by the processing unit.

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